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(54) Title: LIGHT WEIGHT SEATING FURNITURE CONSTRUCTION WITH SO-CALLED MEMORY EFFECT



(57) Abstract: Light weight seating furniture (5) construction with a very high memory effect. The seating furniture is light weight and when constructed as a sphere completely shape-retaining after the removal of the seating load and thereof easy to transport, e.g. by rolling over the floor. The light weight seating furniture (5, 9) construction comprises a shell construction which is deformable under seating load and which is filled up with a number of relatively small shape-retaining particles for support and advancement of the temporary shape-retaining property of this shell construction when a person is positioned thereupon. The shell construction consists of geometrically shaped air permeable shell shaping sheet elements (7, 8) manufactured from porous natural or plastic material with spring back property, as a result of which the shell construction obtains the property of a flexible skeleton structure with memory effect. The particles are manufactured from natural or plastic materials (like polystyrene foam particles) and are optionally packed in a suitable air permeable cover. The external surface of the shell construction may be provided with a desired decorative appearance, like a cover (10) or a printing. Furthermore the seating furniture (5, 9) can have a high aesthetic value and is therefore also suitable for advertising and marketing purposes.

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